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(54) METHOD FOR TRANSMITTING/RECEIVING DIGITAL CABLE SERVICE, TRANSMITTER AND RECEIVER

(57)Abstract:

PURPOSE: To provide a transmitting/receiving method of giving an optimum digital cable service corresponding to the transmission line quality of various cables and its transmitter and receiver.

CONSTITUTION: Digital cable service transmission/reception of adding additional information or the like for controlling an error correcting code or the receiver to digital data such as digitized video signals 101 to 103 and transmitting/ receiving digital modulation signal is attained by preparing a transmission capacity adaptive/variable control part 108. Since the control part 108 can change a multi-valued level or error correcting code redundancy amt. in a multi-valued digital modulation system in accordance with the transmission line quality of various cables, the capacity of transmission can be changed and optimum service can be attained in accordance with the transmission line quality of various cables.

